software AG

Software AG
University Relations

Teaching students how to accelerate digital transformation

Customer success story

htw saar

"The ARIS Education Package is ideal to teach students how to successfully manage the main pillar of companies, their processes. We are pleased about this close and confident relationship with Software AG."

– **Prof. Dr. André Miede** | htw saar

University Partner

htw saar (University of Applied Sciences, Saarland) is a research-based and application-oriented university in Germany. Students have been able to enroll in computer science since 1984, while the first bachelor's program, computer science and communication, was introduced in 2001. The university offers around 45 different bachelor's and master's programs. The university currently has approximately 130 active professors.

Software AG solution

ARIS Education Package, including ARIS Architect, ARIS Simulation and ARIS Design Server as well as predefined teaching material

Key benefits to faculty members

- Keeping students excited through leading-edge and easy-to-use ARIS software
- Predefined teaching material, including tutorials
- The package (including software and tutorials) is completely free of charge

Key benefits to students

- Expanded knowledge in business process analysis and collaboration with ARIS
- Teamwork and management skills as a preparation for future careers
- Free certification

Ubiquitous digitalization shapes the workday and personal lives ever more strongly: Big data, cloud, mobile access, social and security issues are increasingly interrelated and have a major impact on business and society. Companies are forced to drastically reconsider and transform their processes.

With the ARIS Education Package (AEP), Software AG offers an educational solution tailored to meet the university's wish for an encompassing Business Process Management (BPM) lecture package. Students get a comprehensive overview of current processes within the company while they learn the best possible way to transform these for the digital era.

Software AG and htw saar are long-time partners and since 2013 the computer science department has been using the AEP.

In particular, Professor Dr. André Miede uses the package in the "Business Computing" module for students in the master's programs for applied informatics and computer science and communication. The goal of the module is to teach students how to design, analyze and optimize business processes. Students also learn about the correlation between organizational structures of a company and the relevant IT infrastructure in the enterprise architecture context.

The package

The AEP provides real-life problems, many of which students will encounter in their professional career, that students learn to solve using market-leading software. "Using the AEP is a response to recognizing industry trends and the importance of teaching theory through practice," Miede said.

The AEP encompasses key ARIS products to design, analyze, simulate and optimize business processes. Depending on the objective and the focus of the curriculum and courses, the students are able to practice on information modeling, business process modeling and process optimization in a preconfigured scenario. In the lectures, they work with the processes of the United Motor Group, a fictional global car manufacturer. This comprehensive scenario is used to teach the different aspects of business process analysis and transformation.

The packages are divided into exercise blocks of approximately 90 minutes. At htw saar the lectures are twice weekly.

Not only can ARIS be installed in university computer labs, but students can also download the software from the ARIS Community onto their personal computers. "This guarantees that students can work with the software outside of the lecture and tutorial," Miede said. "The detailed tutorials in the AEP help students better understand how to design, analyze and transform processes." This facilitates preparation and follow-up work for the students.

"In sum: it is a win-win-situation for us and our students," Miede said.

ARIS Architect

- Design and analyze processes and your enterprise architecture
- Harmonize and standardize business activities with IT systems
- Use the tool for any business process analysis, enterprise architecture or governance, risk & compliance initiative

ARIS Simulation
Simulate process models using what-if scenarios to determine the best practice according to the needs, such as shortening the cycle time, improving the process quality or reducing the process costs.

ARIS Design Server
Serves as the central repository in which all data used in the other ARIS products is stored.

Take the next step

For more information, visit:
www.SoftwareAG.com/university

To contact us, send an email to:
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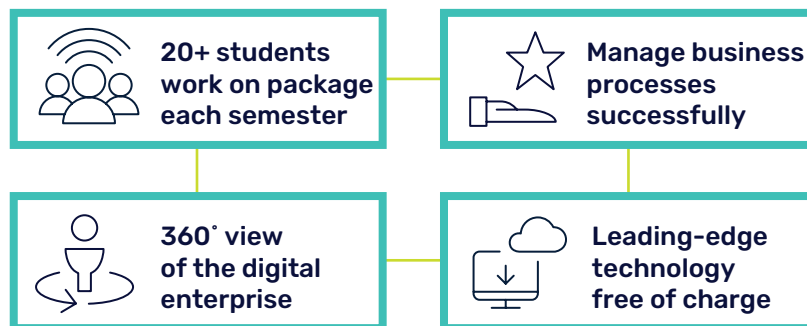
Working with real business scenarios

Working with a real-life scenario provides a welcome change in the typical university curriculum: "It was very helpful to apply our theoretical knowledge to a virtual company," one student said. "It allowed us to see how business processes build the prerequisite for organizational workflows in a company."

Benefits of the AEP

The package is ideal in teaching students BPM methodology. According to Miede: "The predefined teaching material in the AEP facilitates lecture preparation while at the same time, our students learn proactively how to design and optimize business processes."

The AEP fosters team work and creates the opportunity to make contact with a company, aside from teaching technical skills.

After successful participation in the AEP, the students were also certified free of charge, providing a qualification to list in future job applications.

- 20+ students work on package each semester
- Manage business processes successfully
- 360° view of the digital enterprise
- Leading-edge technology free of charge

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